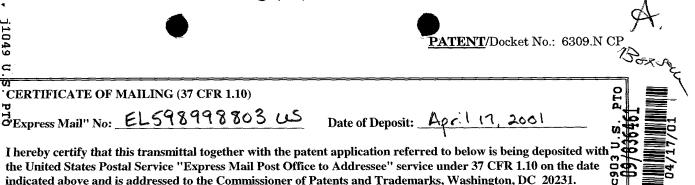
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Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner of Patents and Trademarks Washington, DC 20231

Julie K. Lyons, Legal Assistant

Name of Person Mailing Paper

TRANSMITTAL OF A NON-PROVISIONAL APPLICATION Under 37 CFR 1.53(b)(1)

Sir:

Transmitted herewith for filing is the patent application entitled Heparanase II, A Novel Human Heparanase Paralog.

- [X] This application is being mailed by Express Mail under 37 CFR 1.10 and the required certificate appears above.
- [] The Oath or Declaration required under 37 CFR 1.63 is being transmitted with this application.
- [X] The Oath or Declaration required under 37 CFR 1.63 is not being transmitted with this application pursuant to 37 CFR 1.53(f).
- [X] A disk containing nucleotide and/or amino acid sequences in a computer readable format is attached. The contents of the sequence listing in the application is the same as the document on the disk. (37 CFR 1.821(f) and MPEP 2422.06)

The filing fee has been calculated as shown below:

	Total No.	No. of Claims	Excess	\$ Rate		Fee
	of Claims	Without	Claims		}	
		Additional Fee		<u> </u>	_	
Total Claims Fee	45	20	25	x 18		450
Independent Claims Fee	19	3	16	x 80		1280
Multiple Dependent Claim	0			x 270		0
Basic Fee					7	710
Total Filing Fee					\$	2440

- [X] SPECIFIC DEPOSIT ACCOUNT AUTHORIZATION. Please charge my Deposit Account No. <u>21-0718</u> in the amount of the total filing fee above. Triplicate copies of this sheet are enclosed.
- [X] GENERAL DEPOSIT ACCOUNT AUTHORIZATION. The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or during the pendency of this application or credit any overpayment to Deposit Account No. 21-0718.

(2) An

(1)

(2) Any patent application processing fees under 37 CFR 1.17.

No authorization is given to charge the Issue Fee (37 CFR 1.18).

[] ASSIGNMENT RECORDAL DEPOSIT ACCOUNT AUTHORIZATION. Please charge my Deposit Account No. 21-0718 in the amount of \$40.00 for recordal for the attached assignment of the invention to Pharmacia & Upjohn Company. A separate cover sheet for assignment accompanying a new patent application is also attached.

Any additional filing fees or fees for the presentation of additional claims required under 37

This application is being made, or is authorized to be made, by the inventor(s) as set forth on the attached Inventor Information Sheet. The person or persons listed are believed to be the original, first and sole inventor (if only one name is listed on the attached Inventor Information Sheet) or original, first and joint inventor (if plural names are listed on the attached Inventor Information Sheet) of the subject matter which is claimed and for which a patent is sought.

The undersigned hereby requests that all correspondence and telephone communications in connection with this application be directed to the undersigned person at the mailing address and telephone number shown below.

Date: March 21, 2001

Respectfully submitted,

Edward F. Rehberg, Attorney

Registration No. 34,703

Pharmacia & Upjohn Company

Global Intellectual Property

301 Henrietta Street

Kalamazoo, Michigan 49001

Telephone No. (616) 833-7829 or (616) 833-9500 Telefax No. (616) 833-8897 or (616) 833-2316

Enclosures:

- [X] Patent Application
- Declaration (37 CFR 1.63) and Power of Attorney
- [] Assignment with Cover Page
- [X] Disk containing Nucleotide and/or amino Acid Sequence Listing
- [X] Return Post Card

INVENTOR INFORMATION SHEET

Full name of sole of first inventor:

Address:

Robert L. Heinrikson 81 South Lake Doster Drive Plainwell, Michigan 49080

Citizenship:

USA

Full name of second inventor:

Address:

Michael J. Bienkowski 3431 Hollow Wood Portage, Michigan 49024

Citizenship:

USA